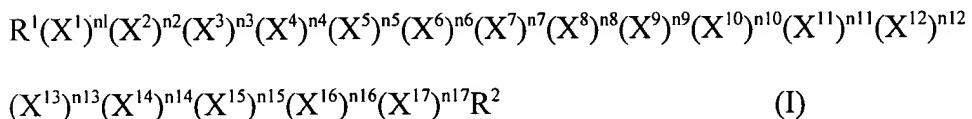


a.) Amendments to the Claims

1. (Currently Amended) A cyclic peptide, or a pharmaceutically acceptable salt thereof, having an activity to restore DNA-binding activity or P53 protein-dependent transcription activity to mutant P53 protein, said peptide being represented by formula (I):



wherein

any of  $X^1$  to  $X^{17}$  may be denoted by  $X^i$ ,  $i$  being an integer of 1 to 17;

any of  $n1$  to  $n17$  may be denoted by  $n_i$ , where  $n_i$  represents 0 or 1

such that  $(X^i)^{n_i}$  represents  $X^i$  when  $n_i$  is 1 and represents a bond when  $n_i$  is 0;

$n_i$  represents 1 for at least 7 different  ~~$X^i$ 's, with  $R^1$  bonded to the N-terminus and  $R^2$  bonded to the C-terminus:~~  $X^i$ 's;

any of  $X^1$  to  $X^{11}$  where  $n_i$  represents 1 may be denoted by  $X^p$ , wherein  $p$  is 1-11 respectively, and any of  $X^8$  to  $X^{17}$  where  $n_i$  represents 1 may be denoted by  $X^q$  where  $q$  is 8-17, respectively, such that  $q > p$ ;

$R^1$  represents substituted or unsubstituted alkanoyl, substituted or unsubstituted alkoxy carbonyl, substituted or unsubstituted aralkyloxycarbonyl, substituted or unsubstituted aryloxycarbonyl, substituted or unsubstituted aroyl, 9-fluorenylmethoxycarbonyl or hydrogen;

$R^2$  represents substituted or unsubstituted alkoxy, substituted or unsubstituted aralkyloxy, amino, substituted or unsubstituted alkylamino, substituted or

unsubstituted dialkylamino, substituted or unsubstituted aralkylamino, substituted or unsubstituted arylamino or hydroxy;

~~R<sup>1</sup> and R<sup>2</sup> may together form a single bond when the total number of amino acid and organic acid residues having an SH group in the peptide is two or less, or a functional group in X<sup>p</sup> and a functional group in X<sup>q</sup> may together form a covalent bond to form a cyclic structure together with any intervening X<sup>i</sup> residues;~~

X<sup>1</sup> represents a residue of 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptoputanoic acid, mercaptoacetic acid, adipic acid, suberic acid, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline or 4-hydroxyproline;

X<sup>2</sup> represents a residue of leucine, isoleucine, valine, alanine, norvaline, norleucine, 2-aminobutanoic acid, homoleucine,  $\beta$ -alanine,  $\alpha$ -aminoisobutanoic acid,  $\beta$ -cyclopropylalanine,  $\beta$ -chloroalanine, 1-aminocyclopentane-1-carboxylic acid, 1-amino-1-cyclohexanecarboxylic acid, 2-amino-1-cyclopentanecarboxylic acid, t-butylglycine, diethylglycine, t-butylalanine, O-methylserine, cyclohexylglycine, cyclohexylalanine or glycine;

X<sup>3</sup> represents a residue of lysine arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

X<sup>4</sup> represents a residue of serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, cysteine, homocysteine, penicillamine,

aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptobutanoic acid, mercaptoacetic acid, adipic acid or suberic acid;

X<sup>5</sup> represents a residue of lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

X<sup>6</sup> represents a residue of lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

X<sup>7</sup> represents a residue of alanine,  $\beta$ -alanine, 2-aminobenzoic acid, 3-aminobenzoic acid, 4-aminobenzoic acid, 3-aminomethylbenzoic acid, proline, 3-hydroxyproline, 4-hydroxyproline, L-1,2,3,4-tetrahydroisoquinoline-7-carboxylic acid, cysteine, homocysteine, penicillamine, 2,3-diaminopropionic acid, 2,4-diaminobutanoic acid, ornithine, lysine, p-aminophenylalanine, aspartic acid, glutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid or glycine;

X<sup>8</sup> represents a residue of glutamine, asparagine, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptobutanoic acid, mercaptoacetic acid, adipic acid or suberic acid;

X<sup>9</sup> represents a residue of serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptobutanoic acid, mercaptoacetic acid, adipic acid or suberic acid;

X<sup>10</sup> represents a residue of serine, threonine, homoserine,  $\alpha$ -methylserine, hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptobutanoic acid, mercaptoacetic acid, adipic acid or suberic acid;

X<sup>11</sup> represents a residue of serine, threonine, homoserine,  $\alpha$ -methylserine, hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptobutanoic acid, mercaptoacetic acid, adipic acid or suberic acid;

X<sup>12</sup> represents a residue of lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

X<sup>13</sup> represents a residue of histidine, alanine, 4-thiazolylalanine, 2-

thienylalanine, 2-pyridylalanine, 3-pyridylalanine, 4-pyridylalanine, (3-N-methyl)piperidylalanine, 3-(2-quinoyl)alanine, serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

$X^{14}$  represents a residue of lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid or glycine, and an amino group or guanidino group in the side chain of  $X^{14}$  may be modified with  $R^3$  (where  $R^3$  is independently selected from the moieties of  $R^1$ ;

$X^{15}$  represents lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

$X^{16}$  represents a residue of leucine, alanine, 4-thiazolylalanine, 2-thienylalanine, isoleucine, norleucine, homoleucine, valine, norvaline,  $\beta$ -alanine,  $\alpha$ -aminoisobutanoic acid, 2-aminobutanoic acid,  $\beta$ -cyclopropylalanine,  $\beta$ -chloroalanine, 1-aminocyclopentane-1-carboxylic acid, 1-amino-1-cyclohexanecarboxylic acid, 2-amino-1-cyclopentanecarboxylic acid, t-butylglycine, diethylglycine, t-butylalanine, O-methylserine, cyclohexylglycine, cyclohexylalanine or glycine;

$X^{17}$  represents a residue of 2-mercaptoaniline, cysteamine,

homocysteamine, cysteine, homocysteine, penicillamine, ornithine, lysine, 2,3-diaminopropionic acid, 2,4-diaminobutanoic acid, p-aminophenylalanine, glutamic acid, aspartic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid or 2-aminosuberic acid;

where a 12-aminododecanoic acid residue may be added at between R<sup>1</sup> and X<sup>p</sup> nearest to the N-terminus of the peptide N-terminus, or between X<sup>q</sup> nearest to the C-terminus and R<sup>2</sup>, and the cyclic peptide does not comprise five or more consecutive glycine residues.

2. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 1, wherein said cyclic structure is formed by a S-S, S-CH<sub>2</sub>-S, S-CH<sub>2</sub>-C<sub>6</sub>H<sub>4</sub>-CH<sub>2</sub>-S, S-CH<sub>2</sub>-CO, CO-NH, NH-CO, O-CO or CO-O bond between X<sup>p</sup> and X<sup>q</sup>.

3. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 2, wherein X<sup>p</sup> (np=1) is an N-terminal residue and X<sup>q</sup> (nq=1) is a C-terminal residue.

4. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 2, wherein X<sup>p</sup> (np=1) is not an N-terminal residue and X<sup>q</sup> (nq=1) is not a C-terminal residue.

5. (Previously Presented) A peptide or a pharmaceutically acceptable salt

thereof according to claim 2, wherein  $X^p$  ( $np=1$ ) is not an N-terminal residue and  $X^q$  ( $nq=1$ ) is a C-terminal residue.

6. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 2, wherein  $X^p$  ( $np=1$ ) is an N-terminal residue and  $X^q$  ( $nq=1$ ) is not a C-terminal residue.

7. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 3, wherein  $X^p$  ( $np=1$ ) is  $X^1$  and  $X^q$  ( $nq=1$ ) is  $X^{17}$ .

8. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 6, wherein  $X^p$  ( $np=1$ ) is  $X^1$  and  $X^q$  ( $nq=1$ ) is  $X^{17}$ .

9. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 3, wherein  $X^p$  ( $np=1$ ) is  $X^1$  and  $X^q$  ( $nq=1$ ) is  $X^{16}$ .

10. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 6, wherein  $X^p$  ( $np=1$ ) is an N-terminal residue and  $X^q$  ( $nq=1$ ) is  $X^8$ .

11. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 4, wherein  $X^p$  ( $np=1$ ) is  $X^8$  and  $X^q$  ( $nq=1$ ) is  $X^{14}$ .

12. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 5, wherein  $X^p$  ( $n_p=1$ ) is  $X^3$  and  $X^q$  ( $n_q=1$ ) is a C-terminal residue.

13. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 4, wherein  $X^p$  ( $n_p=1$ ) is  $X^3$  and  $X^q$  ( $n_q=1$ ) is not a C-terminal residue.

14. (Previously Presented) A peptide or a pharmaceutically acceptable salt thereof according to claim 6, wherein  $X^p$  ( $n_p=1$ ) is an N-terminal residue and  $X^q$  ( $n_q=1$ ) is  $X^{11}$ .

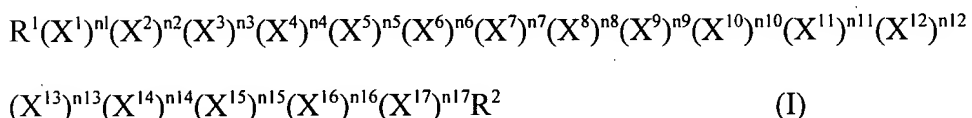
15. (Currently Amended) A peptide or a pharmaceutically acceptable salt thereof according to claim 1, said peptide having an amino acid sequence shown by one of SEQ ID NOS: 4-7 and 16-32 in which a 12-aminododecanoic acid residue may be added between  $R^1$  and  $X^p$  nearest to ~~at the — or C- terminus of the peptide~~ the N-terminus or ~~between  $X^q$  nearest to the C-terminus and  $R^2$ .~~

16. (Currently Amended) A peptide or a pharmaceutically acceptable salt thereof according to claim 15, said peptide having an amino acid sequence shown by one of SEQ ID NOS: 4-7, 16, 19 and 25-32 in which a 12-aminododecanoic acid residues may be substituted or added ~~at the — or C- terminus of the peptide~~ between  $R^1$  and  $X^p$  nearest to the



N-terminus or between X<sup>q</sup> nearest to the C-terminus and R<sup>2</sup>.

17. (New) A cyclic peptide, or a pharmaceutically acceptable salt thereof, having an activity to restore DNA-binding activity or P53 protein-dependent transcription activity to mutant P53 protein, said peptide being represented by formula (I):



wherein

any of X<sup>1</sup> to X<sup>17</sup> may be denoted by X<sup>i</sup>, i being an integer of 1 to 17;

any of n1 to n17 may be denoted by ni, where ni represents 0 or 1

such that (X<sup>i</sup>)<sup>ni</sup> represents X<sup>i</sup> when ni is 1 and represents a bond when ni is 0;

ni represents 1 for at least 7 different X<sup>i</sup>'s;

any of X<sup>1</sup> to X<sup>11</sup> where ni represents 1 may be denoted by X<sup>p</sup> where p is 1-11, respectively, and any of X<sup>8</sup> to X<sup>17</sup> where ni represents 1 may be denoted by X<sup>q</sup> where q is 8-17, respectively, such that q > p;

R<sup>1</sup> represents substituted or unsubstituted alkanoyl, substituted or unsubstituted alkoxy carbonyl, substituted or unsubstituted aralkyloxy carbonyl, substituted or unsubstituted aryloxy carbonyl, substituted or unsubstituted aroyl, 9-fluorenylmethoxy carbonyl or hydrogen;

R<sup>2</sup> represents substituted or unsubstituted alkoxy, substituted or unsubstituted aralkyloxy, amino, substituted or unsubstituted alkylamino, substituted or unsubstituted dialkylamino, substituted or unsubstituted aralkylamino, substituted or

unsubstituted arylamino or hydroxy;

$R^1$  and  $R^2$  together form a single bond;

$X^1$  represents a residue of 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptoputanoic acid, mercaptoacetic acid, adipic acid, suberic acid, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline or 4-hydroxyproline;

$X^2$  represents a residue of leucine, isoleucine, valine, alanine, norvaline, norleucine, 2-aminobutanoic acid, homoleucine,  $\beta$ -alanine,  $\alpha$ -aminoisobutanoic acid,  $\beta$ -cyclopropylalanine,  $\beta$ -chloroalanine, 1-aminocyclopentane-1-carboxylic acid, 1-amino-1-cyclohexanecarboxylic acid, 2-amino-1-cyclopentanecarboxylic acid, t-butylglycine, diethylglycine, t-butylalanine, O-methylserine, cyclohexylglycine, cyclohexylalanine or glycine;

$X^3$  represents a residue of lysine arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

$X^4$  represents a residue of serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptoputanoic acid, mercaptoacetic acid, adipic acid or

suberic acid;

X<sup>5</sup> represents a residue of lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

X<sup>6</sup> represents a residue of lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

X<sup>7</sup> represents a residue of alanine,  $\beta$ -alanine, 2-aminobenzoic acid, 3-aminobenzoic acid, 4-aminobenzoic acid, 3-aminomethylbenzoic acid, proline, 3-hydroxyproline, 4-hydroxyproline, L-1,2,3,4-tetrahydroisoquinoline-7-carboxylic acid, cysteine, homocysteine, penicillamine, 2,3-diaminopropionic acid, 2,4-diaminobutanoic acid, ornithine, lysine, p-aminophenylalanine, aspartic acid, glutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid or glycine;

X<sup>8</sup> represents a residue of glutamine, asparagine, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptobutanoic acid, mercaptoacetic acid, adipic acid or suberic acid;

X<sup>9</sup> represents a residue of serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-

diaminopropionic acid, p-aminophenylalanine, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptoputanoic acid, mercaptoacetic acid, adipic acid or suberic acid;

$X^{10}$  represents a residue of serine, threonine, homoserine,  $\alpha$ -methylserine, hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptoputanoic acid, mercaptoacetic acid, adipic acid or suberic acid;

$X^{11}$  represents a residue of serine, threonine, homoserine,  $\alpha$ -methylserine, hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, glycine, 2-mercaptobenzoic acid, 3-mercaptopropionic acid, 4-mercaptoputanoic acid, mercaptoacetic acid, adipic acid or suberic acid;

$X^{12}$  represents a residue of lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

$X^{13}$  represents a residue of histidine, alanine, 4-thiazolylalanine, 2-thienylalanine, 2-pyridylalanine, 3-pyridylalanine, 4-pyridylalanine, (3-N-methyl)piperidylalanine, 3-(2-quinoyl)alanine, serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-

aminoadipic acid, 2-aminosuberic acid, ornithine, lysine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

$X^{14}$  represents a residue of lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine, serine, threonine, homoserine,  $\alpha$ -methylserine, 3-hydroxyproline, 4-hydroxyproline, cysteine, homocysteine, penicillamine, aspartic acid, glutamic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid, 2-aminosuberic acid or glycine, and an amino group or guanidino group in the side chain of  $X^{14}$  may be modified with  $R^3$  (where  $R^3$  is independently selected from the moieties of  $R^1$ ;

$X^{15}$  represents lysine, arginine, ornithine, 2,4-diaminobutanoic acid, 2,3-diaminopropionic acid, p-aminophenylalanine or glycine;

$X^{16}$  represents a residue of leucine, alanine, 4-thiazolylalanine, 2-thienylalanine, isoleucine, norleucine, homoleucine, valine, norvaline,  $\beta$ -alanine,  $\alpha$ -aminoisobutanoic acid, 2-aminobutanoic acid,  $\beta$ -cyclopropylalanine,  $\beta$ -chloroalanine, 1-aminocyclopentane-1-carboxylic acid, 1-amino-1-cyclohexanecarboxylic acid, 2-amino-1-cyclopentanecarboxylic acid, t-butylglycine, diethylglycine, t-butylalanine, O-methylserine, cyclohexylglycine, cyclohexylalanine or glycine;

$X^{17}$  represents a residue of 2-mercaptoaniline, cysteamine, homocysteamine, cysteine, homocysteine, penicillamine, ornithine, lysine, 2,3-diaminopropionic acid, 2,4-diaminobutanoic acid, p-aminophenylalanine, glutamic acid, aspartic acid, homoglutamic acid, isoaspartic acid, isoglutamic acid, 2-aminoadipic acid or 2-aminosuberic acid;

where a 12-aminododecanoic acid residue may be added between R<sup>1</sup>  
and X<sup>p</sup> nearest to the N-terminus, or between X<sup>q</sup> nearest to the C- terminus and R<sup>2</sup>,

and the cyclic peptide cannot be formed by cyclizing the peptides

represented by any of SEQ ID NOS: 33-41:

SEQ ID NO: 33:	Arg	Ala	His	Ser	Ser	His	Leu	Lys	Ser	Lys	Lys
SEQ ID NO: 34:	His	Leu	Lys	Ser	Lys	Lys	Gly	Gln	Ser	Thr	Ser
	Arg	His									
SEQ ID NO: 35:	Lys	Gly	Gln	Ser	Thr	Ser	Arg	His	Lys	Lys	Leu
SEQ ID NO: 36:	Ser	Lys	Lys	Gly	Gln	Ser	Thr	Ser	Arg	His	Lys
	Lys	Leu									
SEQ ID NO: 37:	Arg	Ala	His	Ser	Ser	His	Leu	Lys	Ser	Lys	Lys
	Gly	Gln	Ser	Thr	Ser	Arg	His	Lys	Lys		
SEQ ID NO: 38:	Ser	His	Leu	Lys	Ser	Lys	Lys	Gly	Gln	Ser	Thr
	Ser	Arg	His	Lys	Lys	Leu	Met	Phe	Lys		
SEQ ID NO: 39:	Arg	Ala	His	Ser	Ser	His	Leu	Lys	Ser	Lys	Lys
	Gly	Gln	Ser	Thr	Ser	Arg	His	Lys	Lys	Leu	Met
	Phe	Lys									
SEQ ID NO: 40:	Ser	Arg	Ala	His	Ser	Ser	His	Leu	Lys	Ser	Lys
	Lys	Gly	Gln	Ser	Thr	Ser	Arg	His	Lys	Lys	Leu
	Met	Phe	Lys								
SEQ ID NO: 41:	Gly	Gly	Ser	Arg	Ala	His	Ser	Ser	His	Leu	Lys
	Ser	Lys	Lys	Gly	Gln	Ser	Thr	Ser	Arg	His	Lys
	Lys	Leu	Met	Phe	Lys.						